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Oxygen transporter containing haemoglobin-hydroxyethyl starch conjugate
- used as a blood additive, plasma expander, perfusion agent,
haemo-dilution agent and/or cardioplegic solution

Patent Assignee: FRESENIUS AG (FREP)

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Number of Countries: 024 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19628705	A1	19980115	DE 1028705	A	19960708	199808 B
WO 9801158	A2	19980115	WO 97EP3527	A	19970707	199809
AU 9735411	A	19980202	AU 9735411	A	19970707	199826
EP 912197	A2	19990506	EP 97931768	A	19970707	199922
			WO 97EP3527	A	19970707	
AU 710879	B	19990930	AU 9735411	A	19970707	199952
BR 9710865	A	20000111	BR 9710865	A	19970707	200020
			WO 97EP3527	A	19970707	
US 6083909	A	20000704	WO 97EP3527	A	19970707	200036
			US 99214430	A	19990106	
JP 2000514434	W	20001031	WO 97EP3527	A	19970707	200059
			JP 98504767	A	19970707	
MX 9900402	A1	20000101	MX 99402	A	19990108	200115
EP 912197	B1	20011205	EP 97931768	A	19970707	200203
			WO 97EP3527	A	19970707	
DE 59705678	G	20020117	DE 505678	A	19970707	200206
			EP 97931768	A	19970707	
			WO 97EP3527	A	19970707	
ES 2166551	T3	20020416	EP 97931768	A	19970707	200230
MX 204161	B	20010910	MX 99402	A	19990108	200239

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NL PT SE

AU 9735411 A A61K-047/48 Based on patent WO 9801158

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MC NL PT SE

AU 710879 B A61K-047/48 Previous Publ. patent AU 9735411

Based on patent WO 9801158

BR 9710865 A A61K-047/48 Based on patent WO 9801158

US 6083909 A A61K-038/42 Based on patent WO 9801158

JP 2000514434 W 23 A61K-038/16 Based on patent WO 9801158

MX 9900402 A1 A61K-047/48

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MC NL PT SE

DE 59705678 G A61K-047/48 Based on patent EP 912197

Based on patent WO 9801158

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MX 204161 B A61K-047/48

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Abstract (Basic): DE 19628705 A

Oxygen transport agent contains a haemoglobin-hydroxyethyl starch conjugate with selective amide bonding between free amino groups of the haemoglobin and the oxidised form of reduced end-groups of hydroxyethyl starch.

USE - The transport agent is used as a blood additive, plasma expander, perfusion agent, haemo-dilution agent and/or cardioplegic solution.

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Title Terms: OXYGEN; TRANSPORT; CONTAIN; HAEMOGLOBIN; HYDROXYETHYL; STARCH; CONJUGATE; BLOOD; ADDITIVE; PLASMA; EXPAND; PERFUSION; AGENT; HAEMO; DILUTE; AGENT; SOLUTION

Derwent Class: A11; A96; B04

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